

Traveler Title:

Booster Fast Kicker Magnet Assembly (BKED)

Specification No:

5520-TR-333824

Revision:

B

DR No:

4605

Step No:

10.9

Drawing No:

5520-ME-400700

Routing Form No:**Serial No:**

BKED017

Rework ID:

0

Discrepancy Description:

Traveler instructs to, Using a light source, visually inspect the magnet for air pockets in the RTV, or other such defects. Take some digital pictures.
Actual visual inspection discovered that the RTV did not fill in all of the surfaces that it was intended to fill.
See the digital images in On-Base.

Originator:

Dennis Gaw

Date:

11/24/2008 2:43:18 PM

Cause of Nonconformance:

Lack of RTV in the hoses. The magnet was leveled immediately after the potting, which caused the air bubble spread along the magnet top once the RTV saturated inside. The level of RTV was not checked after this.

Responsible Authority:

Sasha Makarov

Date:

11/24/2008 3:27:53 PM

Disposition:

These spots can be re-filled with RTV. RTV must be out gassed, as usually. The re-filling shall be done in air.
Disposition verify notes: The spots were re-filled with out gassed RTV in air. Inspection of the RTV repair indicates that the repair was succesfull.

Responsible Authority:

Sasha Makarov

Date:

11/24/2008 3:27:53 PM

Corrective Action to Prevent Recurrence:

Leave one end of the magnet elevated until RTV cured. Check the level of RTV in the upper hose frequently during the 2 hours after opening of vacuum oven door.
Disposition verify notes: Don't level the magnet immediately after potting, follow instructions as per the applicable traveler steps.

Responsible Authority:

Sasha Makarov

Date:

11/24/2008 3:27:53 PM

Corrective Action/Disposition Verified By:

Dennis Gaw

Date:

1/8/2009 9:01:40 AM

Will Configuration be affected?: ☐ YES ☒ NO

Identified problem area:

☐ Material ☐ Manpower ☒ Method ☐ Machine ☐ Measurement

Reviewed By:

Bob Jensen

Date:

1/8/2009 9:33:15 AM